Common Access Card (CAC) and PKI updates for TECOM ITMAB

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Topics covered

- **CAC at the Recruit Depots**

- **CAC and NMCI**

- **Future of the CAC**

CAC at the MCRDs

- **Currently recruits use 3 cards –**
    - **1.) Smartcard- Used for administrative tracking and electronic record keeping.**
    - **2.) ATM Card – Used for PX runs and times when recruits need money.**
    - **3.) Teslin ID card – Issued before graduation. Can be issued if a recruit needs to take emergency.**

- **Goal – Issue recruits one card to act as ID card,   money card, and administrative card.**

CAC as ID card at MCRDs

- **Needs to be issued by Arrival Day +3**
  - **Central Issuance Facility**
    - **High volume card printer and card encoder. Able to produce a CAC in 3 minutes. Fielding scheduled for Sept 04.**
  - **Blood type needs to be printed on card**
    - **Can the clinics at MCRDs get this information in the allotted time?**
    - **Can MEPS stations determine blood type?**

CAC as a Money card

- **Currently use a small "E-purse" on the Smartcard to act as an ATM card until banks issue cards.**
- **Department of Treasury pays for the Smartcards.**
- **Dept of Treasury is developing a similar capability on the CAC. Ready for testing May 04.**

➤ **When the CAC can be issued with an "E-purse" the Dept of Treasury will stop funding the Smartcard program. (MOA effective until Oct 04)**

CAC as the Administrative Card

- **Depots currently use Maximus and RAS/PAS for electronic administration of recruits. (Paperless)**

- **Can a program be developed to use the CAC as the recruit's identification token?**
  - **MCRD PI- Sgt King is working with Maximus to determine cost to develop this function.**

- **Can TIMS cover the recruit admin portion?**
  - **All but property accountability and recruit manifesting.**

CAC and NMCI

- **MARADMIN 201/03 – Migration to CAC based PKI**
- **DoN CIO 171925 Z Sep03 – Delayed implementation to 1 April 2004.**
- **HQMC C4 additional guidance – 151938 Z Jan04**
  - **This includes digitally signing and or encrypting email, client-side authentication to private web servers and cryptographic logon for network access.**

- **USMC at 80% compliance.**
  - **Contact Mary Stroz, Head Deers/Rapids Dependency, if you would like a copy of the MISSO report of your unit. (DSN 278-9529)**

CAC and NMCI (Cont)
1 April Deadline Implications

- **Email signing and encryption.**
  - **E-mail signing and encryption certificates on the CAC need to reflect the proper NMCI e-mail address of the user.**
  - **C4 has tasked EDS to provide NMCI user email addresses ASAP. This will allow users to update their CAC certs.**
- **Cryptographic Log-on.**
  - **"will be provided by NMCI at a point after cut over."**
  - **Legacy equipment that will not transition to NMCI will need CAC readers.**
  - **MCNOSC has been tasked to provide additional CAC readers to non-NMCI users.**
  - **MCNOSC will also provide an implementation plan for network cryptographic logon for non-NMCI users.**

CAC Personal Identification Number

- **C4 will coordinate with Base G-6s to arrange for additional DEERS/RAPIDS workstations and support personnel at NMCI cut over sites.**

- **These workstations will be –**
  - ➢ **Able to reset PINs.**
  - ➢ **Able to encode digital certificates into CACs.**
  - ➢ **Set up away from the main DEERS site.**
  - ➢ **Funded by DEERS.**

➢ **Will not be able to generate new cards.**

Future of the CAC

- **Upgrade to 64K chip on the card.**
- **Add contactless technology.**
- **Marines could use it as their barracks door key.**
- **Use on ship as a money card.**

- **CAC program office is always looking for new ways to implement the technology.**

Questions?